



**PERIYAR  
MANIAMMAI**  
INSTITUTE OF SCIENCE & TECHNOLOGY  
(Deemed to be University)  
Established Under Sec. 3 of UGC Act, 1956 • NAAC Accredited  
think • innovate • transform

**FACULTY DEVELOPMENT PROGRAMME  
REPORT  
ON**

**APPLICATIONS OF MACHINE  
LEARNING IN MODERN CLOUD ERA**

Organized by

**DEPARTMENT OF COMPUTER SCIENCE AND APPLICATIONS**

In association with

**COMPUTER SOCIETY OF INDIA**

and

**CENTRE FOR HUMAN RESOURCE DEVELOPMENT  
PMIST**

**Date: 28.10.2022 – 03.12.2022**

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## **One Week FDP on Applications of Machine Learning in Modern Cloud Era– 2022**

### **Objectives of the Programme**

The main theme of this FDP had help to disseminate the knowledge in the domain of Machine Learning, Artificial Intelligence and Cloud Computing Techniques. Since data is overwhelming, organizations are struggling to extract the meaningful insights, which might help to make smarter research decisions. The participants have trained with hands- on approach in order to have an in-depth domain of modern cloud era and expose them to feasibility & future scope.

Periyar Maniammai Institute of Science & Technology



(Deemed to be University)

Thanjavur - 613 407, Tamil Nadu, India.



## Invitation

Department of Computer Science and Applications  
in association with  
Computer Society of India & Centre for Human Resource Development  
cordially invites you for the Inauguration of

One Week Online Faculty Development Programme on

## Machine Learning in Modern Cloud Era

From 28/10/2022 To 03/11/2022, Time: 2.30 to 3.30 PM

Welcome Address:

**Dr. D. Ruby**  
HOD/CSA

Inaugural Address

**Dr. S. Velusami**  
Vice-Chancellor

Presidential Address

**Dr. J. Jeyachidra**  
Dean/FCSE

Vote of Thanks

**Dr. G. Preethi**  
Assistant Professor (SG)/CSA

Day - I : 28.10.2022

**Dr. K. RAJIV GANDHI**  
Assistant Professor,  
Department of CS,  
Allagappa University Model  
Constituent College of Arts and  
Science, Paramakudi.

Day - III : 31.10.2022

**Dr. S. SURESH**  
Assistant Professor,  
Department of CA,  
National Institute of Technology,  
Varanasi

Day - V : 02.11.2022

**Dr. R. ANANDHA JOTHI**  
Assistant Professor,  
Department of IT,  
Dr. Umayal Ramanathan College  
for Women  
Karakudi.

Registration Link:

<https://forms.gle/Q6uHLo1LKw6UQyAN6>

Day - II : 29.10.2022

**Dr. G. KUMARAVELAN**  
Associate Professor,  
Department of CS  
Pondicherry University  
Karaikal Campus,  
Karaikal.

Day - IV : 01.11.2022

**Dr. A. MUTHULAKSHMI**  
Associate Professor,  
M.O.P Vaishnav College for  
Women (Autonomous),  
Chennai.

Day - VI : 03.11.2022

**Mr. D. ARULRAJ DEVARAJ**  
Manager,  
SIS - LLC,  
Chennai.

Google Meet:

<https://meet.google.com/tqf-tjja-tuo>



[www.pmiu.com](http://www.pmiu.com)



[headmca@pmiu.edu](mailto:headmca@pmiu.edu)

## REGISTRATION

- ❖ Free Online Registration
- ❖ E – Certificate will be issued at the end of the programme
- ❖ Online FDP will be conducted through Google Meet
- ❖ Attendance is mandatory for all the sessions

## REGISTRATION LINK

<https://forms.gle/O6uHLo3LKw6UQvAN6>

## GOOGLE MEET LINK

<https://meet.google.com/tqf-tiiz-tuo>

## FOR FURTHER DETAILS CONTACT

[headmca@pmu.edu](mailto:headmca@pmu.edu)  
+91 99944 84992

## COMMITTEE OF THE PROGRAMME

### PATRONS

Dr. K. Veeramani, Chancellor  
Dr. S. Velusami, Vice-Chancellor  
Dr. P. K. Srividhya, Registrar

### ADVISORY COMMITTEE MEMBERS

Dr. A. George, Dean/Academic  
Dr. S. Kumaran, Dean/Research  
Dr. C. V. Subramanian, Dean/FAP  
Dr. S. Senthamil Kumar, Dean/FET  
Dr. J. Jeyachidra, Dean/FCSE  
Dr. P. Vijayalakshmi, Dean/FHSM

### CONVENOR

Dr. D. Ruby, Head & Associate Professor

### CO - CONVENOR

Dr. G. Preethi, Asst. Professor (SG)  
Ms. K. Nandhini, Asst. Professor



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MANIAMMAI**  
INSTITUTE OF SCIENCE & TECHNOLOGY  
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One Week Online Faculty  
Development Programme on  
**APPLICATIONS OF  
MACHINE LEARNING  
IN  
MODERN CLOUD  
ERA**

Date: 28-10-2022 to 03-11-2022  
Mode: Google Meet

## ORGANIZING COMMITTEE MEMBERS

Dr. A. Muthamizh Selvan, Asso. Prof.  
Dr. S. Arumugam, Asso. Prof.  
Dr. V. Srithar, AP (SG)  
Dr. S. Manimozhi, AP Ms. T.  
Logesh, AP  
Ms. G. Umamaheswari, APMs.  
K. Geetha, AP  
Ms. P. Ranjani, APMs.  
I. Epistle, AP  
Ms. R. Sivaranjani, AP

Ms. S. Krishnaveni, APMs.  
R. Manisha, AP Ms. R.  
Kowsalya, AP Ms. G.  
Praveena, AP  
Ms. M. Uma Maheswari, APMs.  
M. Lavanya, AP  
Ms. R. Ragini, AP  
Ms. M. Smith Monica, APMs. M.  
Swathi, AP  
Mr. P. Karthik, AP

## Department of Computer Science and Applications

in association with  
**Computer Society of India &  
Centre for Human Resource  
Development**

**Periyar Maniammai Institute of Science  
& Technology (Deemed to be University),  
Thanjavur – 613 403, Tamil Nadu, India.**

## ABOUT PMIST

Periyar Maniammai Institute of Science & Technology (PMIST) has its origin from Periyar Maniammai College of Technology for Women established in 1988, named after the great social reformers of the 20<sup>th</sup> century, E.V Ramasamy, fondly known as Thanthai Periyar and his philanthropic wife Annai Maniyammaiyar.

## ABOUT THE DEPARTMENT OF CSA

The Department of Computer Science and Applications, Periyar Maniammai Institute of Science & Technology as already a part of the erstwhile college grew in full strength with 25 well qualified teaching staff at present. The facilities of the department have rich experience in the academic and research. The department is offering B.Sc(Data Science), B.C.A., M.C.A., and Ph.D programmes. The department regularly organizes workshops, seminars and conferences to enlighten the academic community.

## ABOUT THE FDP

The purpose of this programme is to bring together the experts, faculties and young researchers to provide platform for training on recent advances and developments. The objectives of the programme are to provide adept knowledge about Machine Learning in the research aspects.

## PROGRAMME SCHEDULE

Day 1: 28/10/2022, Time: 2.30 PM to 3.30 PM

Topic: <Fundamental of Machine Learning with Hands on Sessions=

### Resource Person

**Dr. K. RAJIV GANDHI**

Assistant Professor,  
Department of Computer Science,  
Allagappa University Model Constituent  
College of Arts and Science, Paramakudi.

Day 2: 29/10/2022 , Time: 2.30 PM to 3.30 PM

Topic: <Text Analytics Using Machine Learning Algorithms=

### Resource Person

**Dr. G. KUMARAVELAN**

Associate Professor,  
Department of Computer Science,  
Pondicherry University  
Karaikal Campus, Karaikal.

Day 3: 31/10/2022 , Time: 2.30 PM to 3.30 PM

Topic: <Machine Learning Applications and its Impact=

### Resource Person

**Dr. S. SURESH**

Assistant Professor  
Department of Computer Applications  
National Institute of Technology, Varanasi

Day 4: 01/11/2022 , Time: 2.30 PM to 3.30 PM

Topic: <Machine Learning – Insights and Implementation=

### Resource Person

**Dr. A. MUTHULAKSHMI**

Associate Professor  
M.O.P Vaishnav College for Women  
(Autonomous), Chennai.

Day 5: 02/11/2022 , Time: 2.30 PM to 3.30 PM

Topic: <ML for Biometric Privacy Security =

### Resource Person

**Dr. R. ANANDHA JOTHI**

Assistant Professor,  
Department of IT  
Dr. Umayal Ramanathan College for Women  
Karikudi.

Day 6: 03/11/2022 , Time: 2.30 PM to 3.30 PM

Topic: <Cloud Computing and Machine Learning in Modern era=

### Resource Person

**Mr. D. ARULRAJ DEVARAJ**

Manager,  
SIS - LLC, Chennai.

## **Circular**

Event : **One Week Online Faculty Development Programme  
Applications of Machine Learning in Modern Cloud Era**

Date : 08.09.2022

Organizing Secretary : 1. **Dr. G. PREETHI**  
Assistant Professor (SG).

2. **Ms. K. NANDHINI**  
Assistant Professor

Organized by : Department of Computer Science and Applications  
Periyar Maniammai Institute of Science and Technology,  
Thanjavur.

### **Online Notification (Invitation)**

**Dear Sir/Madam,**

**Greetings from P M I S T (Deemed to be University), Thanjavur, Tamil Nadu!**  
We are happy to inform you that our department is organizing a One-week faculty development programme on “**Applications of Machine Learning in Modern cloud Era**” held from 29.10.2022 to 03.11.2022.

Google Meet Link: <https://meet.google.com/tqf-tijz-tuo>

**Note:**

\*No Registration Fee

This is open to all the faculty members, Research Scholars and Industrial Persons.

## Mail communication with the resource person;

Mail Circulated for this particular programme

11/23/22, 1:01 PM

Periyar Maniammai Mail - Invitation mail to speaker for webinar



Dr.G.PREETHI AP(SG)/ CSA G  
<preethig@pmu.edu>

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### Invitation mail to speaker for webinar

Dr.G.PREETHI AP(SG)/ CSA G <preethig@pmu.edu>

F

ri, Oct 14, 2022 at 5:56 PMTo: headmca@u.edu

----- Forwarded message -----

From: Dr.G.PREETHI AP(SG)/ CSA G <preethig@pmu.edu>Date:  
Fri, 14 Oct 2022, 12:16 pm

Subject: Invitation mail to speaker for webinar

To: gkumaravelanpu@gmail.com <gkumaravelanpu@gmail.com>, <gkumaravelan University.kcs@pondiuni.edu.in>

I Dr. G. Preethi, AP (SG), am writing this letter on behalf of Periyar Maniammai Institute of Science and Technology to invite you to this **FDP as a speaker**. The webinar will take place on 29/10/2022 at 2.30 PM to 3. 30. PM (not compulsory, will be extended).

Your sincerity and determination have taken you to this position today and it will be no less than an honor if you can kindly educate our staff members from inside and outside campus on **“APPLICATION OF MACHINE LEARNING IN MODERN CLOUDERA**

”. By sharing your views, you can motivate them to do their best and knowing you will be the speaker, each and every scholar, staff member of our institution is excited. They look upon you as their role model.

I am looking forward to a positive response from you, but in case you have prior commitments then I would like to request you kindly let us know about that by mailing at [mgpreethi@gmail.com](mailto:mgpreethi@gmail.com) or by calling at mobile number: 9994484992.

Thanking you

With Regards,  
Dr. G. PREETHI  
CSA/PMIST,  
Thanjavur.



## Programme Schedule

Day - I : 28.10.2022

Dr. K. RAJIV GANDHI  
Assistant Professor,  
Department of CS,  
Allagappa University Model  
Constituent College of Arts and  
Science, Paramakudi.

Day - II : 29.10.2022

Dr. G. KUMARAVELAN  
Associate Professor,  
Department of CS  
Pondicherry University  
Karaikal Campus,  
Karaikal.

Day - III : 31.10.2022

Dr. S. SURESH  
Assistant Professor,  
Department of CA,  
National Institute of Technology,  
Varanasi

Day - IV : 01.11.2022

Dr. A. MUTHULAKSHMI  
Associate Professor,  
M.O.P Vaishnav College for  
Women (Autonomous),  
Chennai.

Day - V : 02.11.2022

Dr. R. ANANDHA JOTHI  
Assistant Professor,  
Department of IT,  
Dr. Umayal Ramanathan College  
for Women  
Karaikudi.

Day - VI : 03.11.2022

Mr. D. ARULRAJ DEVARAJ  
Manager,  
SIS - LLC,  
Chennai.

Registration Link:

<https://forms.gle/Q6sHLo3LKw6UQyAN6>

Google Meet:

<https://meet.google.com/tqf-tjz-tuo>

Attendance - Title of the programme with date , signature of the participants If count is more name list with signature of the coordinator

**'One Week FDP on Applications of Machine Learning in Modern Cloud Era' – 2022**

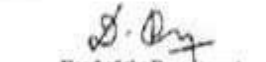
**Date: 28.10.2022 - 03.11.2022**

Participants List

Si. No	Email Id	Name	Designation	Organization Name
1.	<a href="mailto:bhuvana.suthakar2324@gmail.com">bhuvana.suthakar2324@gmail.com</a>	BHUVANESHWARI S	Assistant Professor	Holy Cross College
2.	<a href="mailto:kumaresanbdu@gmail.com">kumaresanbdu@gmail.com</a>	KUMARESAN C	Lecturer	University of Technology and Applied Sciences, Al Musannah
3.	<a href="mailto:sheelavathi-it@saranathan.ac.in">sheelavathi-it@saranathan.ac.in</a>	Ms.A.SHEELAVATHI	Assistant Professor	Saranathan College of Engineering
4.	<a href="mailto:ss.tn.india@gmail.com">ss.tn.india@gmail.com</a>	Mr. S. SIVAKUMAR	Assistant Professor	A. V. C. College of Engineering
5.	<a href="mailto:ushanandhini.msccs@gmail.com">ushanandhini.msccs@gmail.com</a>	M.Ushanandhini	Assistant Professor	Shri sakthi kailash women's college
6.	<a href="mailto:punithamphil1981@gmail.com">punithamphil1981@gmail.com</a>	P.PUNITHALAKSHMI	Research Scholar	Jamal mohammad college Autonomous
7.	<a href="mailto:maladhymtech@gmail.com">maladhymtech@gmail.com</a>	D MALADHY	Assistant Professor	Rajiv Gandhi College of Engineering and Technology
8.	<a href="mailto:manjula.manjini@gmail.com">manjula.manjini@gmail.com</a>	Ms.M.MANJULA	Assistant Professor	Rajiv Gandhi College of Engineering and Technology
9.	<a href="mailto:pavikesav141@gmail.com">pavikesav141@gmail.com</a>	Ms. K. PAVITHRA	Assistant Professor	Panimalar engineering college
10.	<a href="mailto:sameerabanu@pmu.edu">sameerabanu@pmu.edu</a>	Dr. SAMEERABANU P	Assistant Professor	Periyar Maniammai University
11.	<a href="mailto:govindikannan@gmail.com">govindikannan@gmail.com</a>	E.GOVINDI	Programmer	Priyadarshini engineering college
12.	<a href="mailto:gumatnj76@gmail.com">gumatnj76@gmail.com</a>	UMAMAHESWARI V	Research Scholar	AVVM SRI PUSHPAM COLLEGE
13.	<a href="mailto:deepacse1025@gmail.com">deepacse1025@gmail.com</a>	Mrs. S. DEEPA	Lecturer	Avc polytechnic college
14.	<a href="mailto:geethamaths@pmu.edu">geethamaths@pmu.edu</a>	Dr. P. GEETHA	Assistant Professor	Periyar Maniammai Institute of Science & Technology
15.	<a href="mailto:ss7433@gmail.com">ss7433@gmail.com</a>	Mr.V. SHANMUGASUNDARAM	Assistant Professor Of CS	MIET ARTS AND SCIENCE COLLEGE TRICHY TAMILNADU
16.	<a href="mailto:snehasb241@gmail.com">snehasb241@gmail.com</a>	Ms S B SNEHA	Student	M.O.P Vaishnav College for women
17.	<a href="mailto:uskemail@gmail.com">uskemail@gmail.com</a>	Mr.U.Saravana Kumar	Asst Professor (SS)	PMIST
18.	<a href="mailto:jpriscillasasi@gmail.com">jpriscillasasi@gmail.com</a>	Dr.J.Priscilla Sasi	Assisstant Professor	VET INSTITUTE OF ARTS AND SCIENCE CO-EDU
19.	<a href="mailto:rajukushwaha36@gmail.com">rajukushwaha36@gmail.com</a>	Mr. RAJUSINGH	Assistant Professor	Kanpur Institute of Technology Rooma Kanpur Nagar
20.	<a href="mailto:kavitha.m@gurunakcollege.edu">kavitha.m@gurunakcollege.edu</a>	Dr. M. KAVITHA	AP	Guru Nanak College Autonomous
21.	<a href="mailto:iliyasjmc@gmail.com">iliyasjmc@gmail.com</a>	Dr. S. MOHAMED ILIYAS	Assistant Professor	JAMAL MOHAMED COLLEGE (Autonomous), TRICHY
22.	<a href="mailto:vidhyaengnr13@gmail.com">vidhyaengnr13@gmail.com</a>	Ms. M. VIDHYA	Assistant Professor	Prist university
23.	<a href="mailto:jayanthirani1979@gmail.com">jayanthirani1979@gmail.com</a>	Ms.M.JAYANTHI	Assistant Professor	KG College of Arts and Science, Coimbatore
24.	<a href="mailto:dhandapani10@gmail.com">dhandapani10@gmail.com</a>	Prof. DHANDAPANI R	Assistant Professor	BHARATHIDASAN ENGINEERING COLLEGE
25.	<a href="mailto:suganthimca@avccengg.net">suganthimca@avccengg.net</a>	Dr.A.SUGANTHI	Assistant Professor	A.V.C.College of Engineering
26.	<a href="mailto:palthyas@gmail.com">palthyas@gmail.com</a>	Dr. P. SHANTHA BAI	Asst Professor	Telangana universiry
27.	<a href="mailto:babykalasai@gmail.com">babykalasai@gmail.com</a>	MS. N. BABY KALA	Guest Lecturer	K. N. Govt Arts College for Women (Auto), Thanjavur
28.	<a href="mailto:smahalakshmi4792@gmail.com">smahalakshmi4792@gmail.com</a>	Ms. S. MAHALAKSHMI	Assistant Professor	Rajalakshmi Engineering College
29.	<a href="mailto:geethanjaliyokesh18@gmail.com">geethanjaliyokesh18@gmail.com</a>	MRS.R.GEETHANJALI	Full-Time Research Scholar	UCE-BIT CAMPUS,ANNA UNIVERSITY,TIRUCHIRAPPALLI
30.	<a href="mailto:selvakmr02@gmail.com">selvakmr02@gmail.com</a>	G SELVAKUMAR	Assistant Professor	AVS College of Arts and Science
31.	<a href="mailto:manikandan.aso@gmail.com">manikandan.aso@gmail.com</a>	Mr. A. MANIKANDAN	Assistant Professor	Roever Engineering College
32.	<a href="mailto:kprabu.phd@gmail.com">kprabu.phd@gmail.com</a>	Dr. K.PRABU	Associate Professor	Annai College of Arts & Science, Kumbakonam - 612503
33.	<a href="mailto:mahek.ramesh.mr@gmail.com">mahek.ramesh.mr@gmail.com</a>	R MAHEK	Student	M.O.P VAISHNAV COLLEGE

				FOR WOMEN
34.	<a href="mailto:yogavel2011@gmail.com">yogavel2011@gmail.com</a>	G.sathya	Programmer	Government arts and science college(w),orathanadu.
35.	<a href="mailto:mahalakshmifdp@gmail.com">mahalakshmifdp@gmail.com</a>	S. MAHALAKSHMI	Assistant Professor	Computer Science
36.	<a href="mailto:drsjananiece@gmail.com">drsjananiece@gmail.com</a>	Dr.JANANI S	Associate Professor	Periyar Maniammai Institute of Science & Technology
37.	<a href="mailto:sahana.ranjini@gmail.com">sahana.ranjini@gmail.com</a>	S.Sharon Ranjini	Programmer	The American College
38.	<a href="mailto:sethurajan@pmu.edu">sethurajan@pmu.edu</a>	Mr. K. SETHURAJAN	Assistant Professor (SS)	Periyar Maniammai Institute of Science & Technology
39.	<a href="mailto:sritharanvisu82@gmail.com">sritharanvisu82@gmail.com</a>	Dr. V. SRITHAR	Assistant Professor	PMIST
40.	<a href="mailto:sasi7273@gmail.com">sasi7273@gmail.com</a>	M.S.S.SASIKUMAR	Head Of The Department	SSM COLLEGE OF ENGINEERING
41.	<a href="mailto:karthickamsec@gmail.com">karthickamsec@gmail.com</a>	Prof.M.KARTHIKEYAN	Associate Professor	Sengunthar Engineering college
42.	<a href="mailto:saranyag.it@scwv.org">saranyag.it@scwv.org</a>	SARANYA G	Assistant Professor	Senguthar college of Engineering
43.	<a href="mailto:manishar@pmu.edu">manishar@pmu.edu</a>	Ms.R.MANISHA	Assistant Professor	PMIST
44.	<a href="mailto:ranjanirengan@gmail.com">ranjanirengan@gmail.com</a>	Ms.P.RANJANI	Assistant Professor	PMIST
45.	<a href="mailto:ssk2priya@gmail.com">ssk2priya@gmail.com</a>	Mr S.SIVAKUMAR	Programmer	Annai college of arts and science, Kumbakonam
46.	<a href="mailto:sivaranjanir@pmu.edu">sivaranjanir@pmu.edu</a>	Ms. R Sivaranjani	Assistant Professor	PMIST
47.	<a href="mailto:epistle@pmu.edu">epistle@pmu.edu</a>	Ms. I. EPISTLE	Assistant Professor	PMIST, Thanjavur
48.	<a href="mailto:geetha@pmu.edu">geetha@pmu.edu</a>	Ms.K.Geetha	Assistant Professor	PMIST, Thanjavur
49.	<a href="mailto:erodegd@gmail.com">erodegd@gmail.com</a>	Dr.PRAVEENKUMAR G D	Assistant Professor	VET INSTITUTE OF ARTS AND SCIENCE CO-EDUCATION COLLEGE THINDAL
50.	<a href="mailto:priyankam@annaadarsh.edu">priyankam@annaadarsh.edu</a>	Dr. Priyanka M	Assistant Professor	Anna Adarsh College
51.	<a href="mailto:manimozhi@pmu.edu">manimozhi@pmu.edu</a>	Dr.S.MANIMOZHI	Assistant Professor	PMIST, THANJAVUR

  
Programme Organizer  
(Dr. G. PRIYANKA)

  
Head of the Department  
(Dr. D. Ruby)  
Dr. D. RUBY MCA, MPhil, Ph.D  
Associate Professor  
Department of Computer Science and Applications  
Periyar Maniammai Institute of Science and Technology  
Vadakkudi, Thanjavur - 613 403.

**Registered Participants – with male female count**

<b>Programme Name</b>	<b>Female Count</b>	<b>Male Count</b>	<b>Total</b>
One week faculty development programme on “ <b>Applications of Machine Learning in Modern cloud Era</b> ”	196	116	312

## **Programme report:**

**Day-1, Date: 28.10.2022**

**Inaugural Address:**

Dr. S. Velusami, Vice Chancellor,  
Periyar Maniammi Institute of Science & Technology, Thanjavur,

**Session Speaker:** Dr. K. Rajiv Gandhi, Assistant Professor,  
Allagappa University Model Constituent College of Arts and Science, Paramakudi.

**Topic:** “Fundamental of Machine Learning with Hands on Sessions”

Dr. K. Rajiv Gandhi has made a presentation on the basics of machine learning and techniques with hands on sessions using various dataset. After the presentation, the participants were interacted with the Resource Person.

**Day: 2, Date: 29.10.2022**

**Session Speaker:** Dr. G. Kumaravelan, Associate Professor, Department of Computer Science,  
Pondicherry University, Karaikal Campus, Karaikal.

**Topic:** “Text Analytics Using Machine Learning Algorithms”

Dr. G. Kumaravelan has made a presentation on the text analytics, similarity analysis, tokenized text and internal process design using machine learning. After the presentation, the participants were interacted with the resource person.

**Day: 3, Date: 31.10.2022**

**Session Speaker:** Dr. S. Suresh, Assistant Professor,  
National Institute of Computer Applications, Varanasi.

**Topic:** “Machine Learning Applications and its Impact”

Dr. S. Suresh has made a presentation on the human activity recognition using sensor and vision based approaches in machine learning. After the presentation, the participants were interacted with the resource person.

**Day: 4, Date: 01.11.2022**

**Session Speaker:** Dr. A. Muthulakshmi, Associate Professor,  
M.O.P. Vaishnav College for Women (Autonomous), Chennai.

**Topic:** “Machine Learning – Insights and Implementation”

Dr. A. Muthulakshmi has made a presentation on the KNN Model, Logistic Regression and K-Means Clustering in Jupyter notebook with hands on sessions using various dataset. After the presentation, the participants were interacted with the resource person.

**Day: 5, Date: 02.11.2022**

**Session Speaker:** Dr. R. Anandha Jothi, Assistant Professor,  
Dr. Umayal Ramanathan College for Women, Karaikudi.

**Topic:** “ML for Biometric Privacy Security”

Dr. R. Anandha Jothi has made a presentation on the signature recognition, fingerprint recognition, vein patterns recognition, and DNA matching using machine learning. After the presentation, the participants were interacted with the resource person.

**Day: 6, Date: 03.11.2022**

**Session Speaker:** Mr. D. Arulraj Devaraj, Manager, SIS - LLC, Chennai.

**Topic:** “Cloud Computing and Machine Learning in Modern Era”

Mr. D. Arulraj devaraj has made a presentation on the Azure IoT suite, demand forecasting, predictive maintenance and vehicle telemetry using machine learning. After the presentation, the participants were interacted with the resource person.

## e- Certificate to the participant



Department of Computer Science and Applications  
in association with  
Computer Society of India & Centre for Human Resource Development  
Jointly Organizes

**One Week Online Faculty Development Programme**  
On  
APPLICATIONS OF MACHINE LEARNING IN MODERN CLOUD ERA

**CERTIFICATE OF PARTICIPATION**

This is to Certify that **Ms. ELAMATHI U**, Assistant Professor, PMIST has Participated in the Faculty Development Programme on "**APPLICATIONS OF MACHINE LEARNING IN MODERN CLOUD ERA**" held from 28.10.2022 to 03.11.2022 organized by the Department of Computer Science and Applications, Periyar Maniammal Institute of Science and Technology, Vallam, Thanjavur - 613403.

  
Dr. D. Ruby  
HOD/CSA

  
Dr. J. Jeyachidra  
DEAN/FCSE

  
Dr. P.K. Srividhya  
REGISTRAR



Department of Computer Science and Applications  
in association with  
Computer Society of India & Centre for Human Resource Development  
Jointly Organizes

**One Week Online Faculty Development Programme**  
On  
APPLICATIONS OF MACHINE LEARNING IN MODERN CLOUD ERA

**CERTIFICATE OF PARTICIPATION**

This is to Certify that **Ms. VATCHALA B**, Research scholar, PRIST University has Participated in the Faculty Development Programme on "**APPLICATIONS OF MACHINE LEARNING IN MODERN CLOUD ERA**" held from 28.10.2022 to 03.11.2022 organized by the Department of Computer Science and Applications, Periyar Maniammal Institute of Science and Technology, Vallam, Thanjavur - 613403.

  
Dr. D. Ruby  
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DEAN/FCSE

  
Dr. P.K. Srividhya  
REGISTRAR

## Registration Form:

	<p><b>Periyar Maniammal Institute of Science &amp; Technology, Thanjavur.</b></p> <p>Department of Computer Science and Applications &amp; Computer Society of India (CSI)</p> <p><i>From 28.10.2022 to 03.11.2022</i></p> <p><b>One Week Online Faculty Development Programme on Applications of Machine Learning in Modern Cloudera</b></p>	
<h3>One Week Online Faculty Development Programme on Applications of Machine Learning in Modern Cloudera</h3>		
<p>Registration Form</p>		
<p>Date: * 28/10/2022 To 03/11/2022</p>		
<p>Time: * 2.30 PM to 3.30 PM</p>		
<p>No Registration Fee</p>		
<p>Email *</p>		
<p>Valid email</p>		
<p>This form is collecting emails. <a href="#">Change settings</a></p>		



## Registration Form:



**Periyar Maniammal Institute of Science & Technology,  
Thanjavur.**  
Department of Computer Science and Applications  
\*  
Computer Society of India (CSI)  
From 28.10.2022 to 03.11.2022



**One Week Online Faculty Development Programme on  
Applications of Machine Learning in Modern Cloudera**

### One Week Online Faculty Development Programme on Applications of Machine Learning in Modern Cloudera

Registration Form

Date: \* 28/10/2022 To 03/11/2022

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## Feedback Form:

Periyar Maniammai Institute of Science & Technology,  
Thanjavur.  
Department of Computer Science and Applications  
Computer Society of India (CSI)  
From 28.10.2022 to 03.11.2022  
One Week Online Faculty Development Programme on  
Applications of Machine Learning in Modern Cloudera

CERTIFICATE & Day 6 - 3.11.2022, Feedback Form  
for One Week Online Faculty Development  
Programme on Applications of Machine Learning  
in Modern Cloudera

Date: 03/11/2022

Time: 2:15 PM to 3:15 PM

Email \*

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Day 1:

[https://docs.google.com/forms/d/e/1FAIpOLSePHC0L\\_LBDuRW5ri5f8YigH83hzxSvK7gsspv4ywvcVEV0g/viewform?usp=pp\\_url](https://docs.google.com/forms/d/e/1FAIpOLSePHC0L_LBDuRW5ri5f8YigH83hzxSvK7gsspv4ywvcVEV0g/viewform?usp=pp_url)

Day 2:

[https://docs.google.com/forms/d/e/1FAIpOLsfcqmG5xoPLqR3OPtZ-I6VVBxDRWudYxc888EcMkGDW4N0uw/viewform?usp=pp\\_url](https://docs.google.com/forms/d/e/1FAIpOLsfcqmG5xoPLqR3OPtZ-I6VVBxDRWudYxc888EcMkGDW4N0uw/viewform?usp=pp_url)

Day 3:

[https://docs.google.com/forms/d/e/1FAIpOLsfa\\_jZ6YABae7AY-HA0Oo3PIDc7ebX4OtRVAIHYiGcFjE2OtO/viewform?usp=pp\\_url](https://docs.google.com/forms/d/e/1FAIpOLsfa_jZ6YABae7AY-HA0Oo3PIDc7ebX4OtRVAIHYiGcFjE2OtO/viewform?usp=pp_url)

Day 4:

[https://docs.google.com/forms/d/1Le8O\\_9Bxm8Ry4\\_2XcbIO4HhJiWEOcuqIVbNdqWSxIFU/edif?chromeless=1](https://docs.google.com/forms/d/1Le8O_9Bxm8Ry4_2XcbIO4HhJiWEOcuqIVbNdqWSxIFU/edif?chromeless=1)

Day 5:

[https://docs.google.com/forms/d/e/1FAIpOLScxfq03YoS6XmhAMp-rqPIYxCmxK5Sq2XRvJ1xbVuE0dbnz8w/viewform?usp=pp\\_url](https://docs.google.com/forms/d/e/1FAIpOLScxfq03YoS6XmhAMp-rqPIYxCmxK5Sq2XRvJ1xbVuE0dbnz8w/viewform?usp=pp_url)

Day 6:

[https://docs.google.com/forms/d/e/1FAIpQLScRSpUaLE8K884xgykWv11LEKUuQQlbRtlbtoYa-gpPFmxnAQ/viewform?usp=pp\\_url](https://docs.google.com/forms/d/e/1FAIpQLScRSpUaLE8K884xgykWv11LEKUuQQlbRtlbtoYa-gpPFmxnAQ/viewform?usp=pp_url)

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Day 1:

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Day 2:

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Day 4:

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Day 5:

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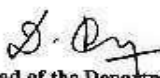
## Outcomes of the Programme:

### Proceedings Outcome

A total of 417 participants have participated in the event globally such as AI Musannah – 03; Uttar Pradesh – 04; Andhra Pradesh - 03; Chennai – 04; Haryana – 02; puducherry – 06; Punjab – 02, Rajasthan – 03; Telangana - 05; Uttar Pradesh – 01; Tamilnadu – 384 from various Colleges, universities and Industrial Persons.

At the end of the program, around 87% participants from an Academic as designated such a Professor - 12; Associate Professor - 08; Assistant Professor - 298; Academician – 47 and remain 13% of Research Scholar – 52 have participated in this event. The certificates had been issued to the 312 participants who are having all day session attendance. The overall event was successful and admired in the university. It stood to be beneficial to memorize & update the computer science and applications faculty development programme.

  
Programme Organizer  
(Dr. G. PREETHI)

  
Head of the Department  
(Dr. D. Ruby)

Dr. D. RUBY M.C.A., M.Phil, Ph.D  
Associate Professor  
Department of Computer Science and Applications  
Poyyar Maniammai Institute of Science and Technology  
Vallam, Thanjavur - 613 403.